

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

09/856850

Rec'd PCT/PTO 25 MAY 2001

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date May 25, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET059018505US addressed to the: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

Victor K. Lee

(Print Name)

Date: May 25, 2001

(Signature)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application
based on International Application No. PCT/EP00/09423
Filed September 27, 2000
Inventor(s) Ankenbauer *et al.*

For: **THERMOSTABLE ENZYME PROMOTING THE FIDELITY OF
THERMOSTABLE DNA POLYMERASES – FOR IMPROVEMENT OF
NUCLEIC ACID SYNTHESIS AND AMPLIFICATION *IN VITRO***

Attorney Docket No.: 5304

**TRANSMITTAL UNDER 35 U.S.C. §371 FOR ENTRY INTO NATIONAL
STAGE UNDER PCT**

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Alameda, CA 94501
May 25, 2001

Applicants submit herewith the following documents under 35 U.S.C. §371:

1. A copy of the international application;
2. National filing fee;
3. Preliminary Amendment;

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JC18 Rec'd PCT/PTO 2 5 MAY 2001

4. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (in triplicate);
5. Combined Declaration and Power of Attorney for Patent Application (unexecuted);
6. Sequence Listing, paper copy and computer diskette; and
7. Statement Under 37 C.F.R. §1.821 or §1.825.

Respectfully submitted:

By: 

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JOE Rec'd PCT/PTO 2 5 MAY 2001

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of Ankenbauer *et al.*

Group Art Unit: To Be Assigned

based on International Application No. PCT/EP00/09423

Examiner: To Be Assigned

Filed: September 27, 2000

Attorney Docket No: 5304

For: **THERMOSTABLE ENZYME PROMOTING THE FIDELITY OF
THERMOSTABLE DNA POLYMERASES – FOR IMPROVEMENT OF NUCLEIC
ACID SYNTHESIS AND AMPLIFICATION *IN VITRO***

**STATEMENT
UNDER 37 C.F.R. §1.821 or §1.825**

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Alameda, CA
May 25, 2001

Sir:

I hereby certify that:

X The contents of the paper Sequence Listing and computer readable Sequence Listing
submitted herewith are the same. (37 CFR §1.821(f))

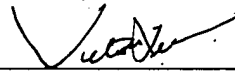
— The contents of the paper Sequence Listing and computer readable Sequence Listing
submitted herewith are the same. No new matter is included. (37 CFR §1.821(f) &
(g))

— Each of the substituted sheets of the paper Sequence Listing submitted herewith is supported in the captioned application. No new matter is included. (37 CFR §1.825(a))

— The contents of the substitute paper Sequence Listing and substitute computer readable Sequence Listing submitted herewith are the same. No new matter is included. (37 CFR §1.825(a) & (b))

— The substitute computer readable Sequence Listing submitted herewith is identical to that originally filed. (37 CFR §1.825(d))

Respectfully submitted,



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